	reciprocal	Reciprocal * 256	Reciprocal * 65536	truncated reciprocal	max count number (total elements – 1) * truncated reciprocal	rounded reciprocal	max count number (total elements – 1) * rounded reciprocal	That, >> 8
0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!				
1	1	256	65536	65536	0	65536	0	0
2	0.5	128	32768	32768	32768	32768	32768	128
3	0.333333333	85.33333333	21845.33333	21845	43690	21845	43690	170
4	0.25	64	16384	16384	49152	16384	49152	192
5	0.2	51.2	13107.2	13107	52428	13107	52428	204
6	0.166666667	42.66666667	10922.66667	10922	54610	10923	54615	213
7	0.142857143	36.57142857	9362.285714	9362	56172	9362	56172	219
8	0.125	32	8192	8192	57344	8192	57344	224
9	0.111111111	28.44444444	7281.777778	7281	58248	7282	58256	227
10	0.1	25.6	6553.6	6553	58977	6554	58986	230
11	0.090909091	23.27272727	5957.818182	5957	59570	5958	59580	232
12	0.083333333	21.33333333	5461.333333	5461	60071	5461	60071	234
13	0.076923077	19.69230769	5041.230769	5041	60492	5041	60492	236
14	0.071428571	18.28571429	4681.142857	4681	60853	4681	60853	237
15	0.066666667	17.06666667	4369.066667	4369	61166	4369	61166	238
16	0.0625	16	4096	4096	61440	4096	61440	240
17	0.058823529	15.05882353	3855.058824	3855	61680	3855	61680	240
18	0.055555556	14.22222222	3640.888889	3640	61880	3641	61897	241
19	0.052631579	13.47368421	3449.263158	3449	62082	3449	62082	242
20	0.05	12.8	3276.8	3276	62244	3277	62263	243
21	0.047619048	12.19047619	3120.761905	3120	62400	3121	62420	243
22	0.045454545	11.63636364	2978.909091	2978	62538	2979	62559	244
23	0.043478261	11.13043478	2849.391304	2849	62678	2849	62678	244
24	0.041666667	10.66666667	2730.666667	2730	62790	2731	62813	245
25	0.04	10.24	2621.44	2621	62904	2621	62904	245
26	0.038461538	9.846153846	2520.615385	2520	63000	2521	63025	246
27	0.037037037	9.481481481	2427.259259	2427	63102	2427	63102	246
28	0.035714286	9.142857143	2340.571429	2340	63180	2341	63207	246
29	0.034482759	8.827586207	2259.862069	2259	63252	2260	63280	247
30	0.033333333	8.533333333	2184.533333	2184	63336	2185	63365	247
31	0.032258065	8.258064516	2114.064516	2114	63420	2114	63420	247
32	0.03125	8	2048	2048	63488	2048	63488	248
33	0.03030303	7.757575758	1985.939394	1985	63520	1986	63552	248
34	0.029411765	7.529411765	1927.529412	1927	63591	1928	63624	248
35	0.028571429	7.314285714	1872.457143	1872	63648	1872	63648	248
36	0.027777778	7.111111111	1820.444444	1820	63700	1820	63700	248
37	0.027027027	6.918918919	1771.243243	1771	63756	1771	63756	249
38	0.026315789	6.736842105	1724.631579	1724	63788	1725	63825	249
39	0.025641026	6.564102564	1680.410256	1680	63840	1680	63840	249
40	0.025	6.4	1638.4	1638	63882	1638	63882	249
41	0.024390244	6.243902439	1598.439024	1598	63920	1598	63920	249
42	0.023809524	6.095238095	1560.380952	1560	63960	1560	63960	249
43	0.023255814	5.953488372	1524.093023	1524	64008	1524	64008	250
44	0.022727273	5.818181818	1489.454545	1489	64027	1489	64027	250
45	0.022222222	5.688888889	1456.355556	1456	64064	1456	64064	250
46	0.02173913	5.565217391	1424.695652	1424	64080	1425	64125	250
47	0.021276596	5.446808511	1394.382979	1394	64124	1394	64124	250
48	0.020833333	5.333333333	1365.333333	1365	64155	1365	64155	250
49	0.020408163	5.224489796	1337.469388	1337	64176	1337	64176	250
50	0.02	5.12	1310.72	1310	64190	1311	64239	250
51	0.019607843	5.019607843	1285.019608	1285	64250	1285	64250	250
52	0.019230769	4.923076923	1260.307692	1260	64260	1260	64260	251
53	0.018867925	4.830188679	1236.528302	1236	64272	1237	64324	251
54	0.018518519	4.740740741	1213.62963	1213	64289	1214	64342	251
55	0.018181818	4.654545455	1191.563636	1191	64314	1192	64368	251
56	0.017857143	4.571428571	1170.285714	1170	64350	1170	64350	251
57	0.01754386	4.49122807	1149.754386	1149	64344	1150	64400	251
58	0.017241379	4.413793103	1129.931034	1129	64353	1130	64410	251
59	0.016949153	4.338983051	1110.779661	1110	64380	1111	64438	251
60	0.016666667	4.266666667	1092.266667	1092	64428	1092	64428	251
61	0.016393443	4.196721311	1074.360656	1074	64440	1074	64440	251
62	0.016129032	4.129032258	1057.032258	1057	64477	1057	64477	251
63	0.015873016	4.063492063	1040.253968	1040	64480	1040	64480	251
64	0.015625	4	1024	1024	64512	1024	64512	252

	reciprocal	Reciprocal * 256	Reciprocal * 65536	truncated reciprocal	max count number (total elements – 1) * truncated reciprocal	rounded reciprocal	max count number (total elements – 1) * rounded reciprocal	That, >> 8
65	0.015384615	3.938461538	1008.246154	1008	64512	1008	64512	252
66	0.015151515	3.878787879	992.969697	992	64480	993	64545	252
67	0.014925373	3.820895522	978.1492537	978	64548	978	64548	252
68	0.014705882	3.764705882	963.7647059	963	64521	964	64588	252
69	0.014492754	3.710144928	949.7971014	949	64532	950	64600	252
70	0.014285714	3.657142857	936.2285714	936	64584	936	64584	252
71	0.014084507	3.605633803	923.0422535	923	64610	923	64610	252
72	0.013888889	3.555555556	910.2222222	910	64610	910	64610	252
73	0.01369863	3.506849315	897.7534247	897	64584	898	64656	252
74	0.013513514	3.459459459	885.6216216	885	64605	886	64678	252
75	0.013333333	3.413333333	873.8133333	873	64602	874	64676	252
76	0.013157895	3.368421053	862.3157895	862	64650	862	64650	252
77	0.012987013	3.324675325	851.1168831	851	64676	851	64676	252
78	0.012820513	3.282051282	840.2051282	840	64680	840	64680	252
79	0.012658228	3.240506329	829.5696203	829	64662	830	64740	252
80	0.0125	3.2	819.2	819	64701	819	64701	252
81	0.012345679	3.160493827	809.0864198	809	64720	809	64720	252
82	0.012195122	3.12195122	799.2195122	799	64719	799	64719	252
83	0.012048193	3.084337349	789.5903614	789	64698	790	64780	253
84	0.011904762	3.047619048	780.1904762	780	64740	780	64740	252
85	0.011764706	3.011764706	771.0117647	771	64764	771	64764	252
86	0.011627907	2.976744186	762.0465116	762	64770	762	64770	253
87	0.011494253	2.942528736	753.2873563	753	64758	753	64758	252
88	0.011363636	2.909090909	744.7272727	744	64728	745	64815	253
89	0.011235955	2.876404494	736.3595506	736	64768	736	64768	253
90	0.011111111	2.844444444	728.1777778	728	64792	728	64792	253
91	0.010989011	2.813186813	720.1758242	720	64800	720	64800	253
92	0.010869565	2.782608696	712.3478261	712	64792	712	64792	253
93	0.010752688	2.752688172	704.688172	704	64768	705	64860	253
94	0.010638298	2.723404255	697.1914894	697	64821	697	64821	253
95	0.010526316	2.694736842	689.8526316	689	64766	690	64860	253
96	0.010416667	2.666666667	682.6666667	682	64790	683	64885	253
97	0.010309278	2.639175258	675.628866	675	64800	676	64896	253
98	0.010204082	2.612244898	668.7346939	668	64796	669	64893	253
99	0.01010101	2.585858586	661.979798	661	64778	662	64876	253
100	0.01	2.56	655.36	655	64845	655	64845	253
101	0.00990099	2.534653465	648.8712871	648	64800	649	64900	253
102	0.009803922	2.509803922	642.5098039	642	64842	643	64943	253
103	0.009708738	2.485436893	636.2718447	636	64872	636	64872	253
104	0.009615385	2.461538462	630.1538462	630	64890	630	64890	253
105	0.00952381	2.438095238	624.152381	624	64896	624	64896	253
106	0.009433962	2.41509434	618.2641509	618	64890	618	64890	253
107	0.009345794	2.392523364	612.4859813	612	64872	612	64872	253
108	0.009259259	2.37037037	606.8148148	606	64842	607	64949	253
109	0.009174312	2.348623853	601.2477064	601	64908	601	64908	253
110	0.009090909	2.327272727	595.7818182	595	64855	596	64964	253
111	0.009009009	2.306306306	590.4144144	590	64900	590	64900	253
112	0.008928571	2.285714286	585.1428571	585	64935	585	64935	253
113	0.008849558	2.265486726	579.9646018	579	64848	580	64960	253
114	0.00877193	2.245614035	574.877193	574	64862	575	64975	253
115	0.008695652	2.226086957	569.8782609	569	64866	570	64980	253
116	0.00862069	2.206896552	564.9655172	564	64860	565	64975	253
117	0.008547009	2.188034188	560.1367521	560	64960	560	64960	253
118	0.008474576	2.169491525	555.3898305	555	64935	555	64935	253
119	0.008403361	2.151260504	550.7226891	550	64900	551	65018	253
120	0.008333333	2.133333333	546.1333333	546	64974	546	64974	253
121	0.008264463	2.115702479	541.6198347	541	64920	542	65040	254
122	0.008196721	2.098360656	537.1803279	537	64977	537	64977	253
123	0.008130081	2.081300813	532.8130081	532	64904	533	65026	254
124	0.008064516	2.064516129	528.516129	528	64944	529	65067	254
125	0.008	2.048	524.288	524	64976	524	64976	253
126	0.007936508	2.031746032	520.1269841	520	65000	520	65000	253
127	0.007874016	2.015748031	516.0314961	516	65016	516	65016	253
128	0.0078125	2	512	512	65024	512	65024	254
129	0.007751938	1.984496124	508.0310078	508	65024	508	65024	254

Sheet1

	reciprocal	Reciprocal * 256	Reciprocal * 65536	truncated reciprocal	max count number (total elements – 1) * truncated reciprocal	rounded reciprocal	max count number (total elements – 1) * rounded reciprocal	That, >> 8
130	0.007692308	1.969230769	504.1230769	504	65016	504	65016	253
131	0.007633588	1.954198473	500.2748092	500	65000	500	65000	253
132	0.007575758	1.939393939	496.4848485	496	64976	496	64976	253
133	0.007518797	1.92481203	492.7518797	492	64944	493	65076	254
134	0.007462687	1.910447761	489.0746269	489	65037	489	65037	254
135	0.007407407	1.896296296	485.4518519	485	64990	485	64990	253
136	0.007352941	1.882352941	481.8823529	481	64935	482	65070	254
137	0.00729927	1.868613139	478.3649635	478	65008	478	65008	253
138	0.007246377	1.855072464	474.8985507	474	64938	475	65075	254
139	0.007194245	1.841726619	471.4820144	471	64998	471	64998	253
140	0.007142857	1.828571429	468.1142857	468	65052	468	65052	254
141	0.007092199	1.815602837	464.7943262	464	64960	465	65100	254
142	0.007042254	1.802816901	461.5211268	461	65001	462	65142	254
143	0.006993007	1.79020979	458.2937063	458	65036	458	65036	254
144	0.006944444	1.777777778	455.1111111	455	65065	455	65065	254
145	0.006896552	1.765517241	451.9724138	451	64944	452	65088	254
146	0.006849315	1.753424658	448.8767123	448	64960	449	65105	254
147	0.006802721	1.741496599	445.8231293	445	64970	446	65116	254
148	0.006756757	1.72972973	442.8108108	442	64974	443	65121	254
149	0.006711409	1.718120805	439.8389262	439	64972	440	65120	254
150	0.006666667	1.706666667	436.9066667	436	64964	437	65113	254
151	0.006622517	1.695364238	434.013245	434	65100	434	65100	254
152	0.006578947	1.684210526	431.1578947	431	65081	431	65081	254
153	0.006535948	1.673202614	428.3398693	428	65056	428	65056	254
154	0.006493506	1.662337662	425.5584416	425	65025	426	65178	254
155	0.006451613	1.651612903	422.8129032	422	64988	423	65142	254
156	0.006410256	1.641025641	420.1025641	420	65100	420	65100	254
157	0.006369427	1.630573248	417.4267516	417	65052	417	65052	254
158	0.006329114	1.620253165	414.7848101	414	64998	415	65155	254
159	0.006289308	1.610062893	412.1761006	412	65096	412	65096	254
160	0.00625	1.6	409.6	409	65031	410	65190	254
161	0.00621118	1.590062112	407.0559006	407	65120	407	65120	254
162	0.00617284	1.580246914	404.5432099	404	65044	405	65205	254
163	0.006134969	1.570552147	402.0613497	402	65124	402	65124	254
164	0.006097561	1.56097561	399.6097561	399	65037	400	65200	254
165	0.006060606	1.551515152	397.1878788	397	65108	397	65108	254
166	0.006024096	1.542168675	394.7951807	394	65010	395	65175	254
167	0.005988024	1.532934132	392.4311377	392	65072	392	65072	254
168	0.005952381	1.523809524	390.0952381	390	65130	390	65130	254
169	0.00591716	1.514792899	387.7869822	387	65016	388	65184	254
170	0.005882353	1.505882353	385.5058824	385	65065	386	65234	254
171	0.005847953	1.497076023	383.251462	383	65110	383	65110	254
172	0.005813953	1.488372093	381.0232558	381	65151	381	65151	254
173	0.005780347	1.479768786	378.8208092	378	65016	379	65188	254
174	0.005747126	1.471264368	376.6436782	376	65048	377	65221	254
175	0.005714286	1.462857143	374.4914286	374	65076	374	65076	254
176	0.005681818	1.454545455	372.3636364	372	65100	372	65100	254
177	0.005649718	1.446327684	370.259887	370	65120	370	65120	254
178	0.005617978	1.438202247	368.1797753	368	65136	368	65136	254
179	0.005586592	1.430167598	366.122905	366	65148	366	65148	254
180	0.005555556	1.422222222	364.0888889	364	65156	364	65156	254
181	0.005524862	1.414364641	362.0773481	362	65160	362	65160	254
182	0.005494505	1.406593407	360.0879121	360	65160	360	65160	254
183	0.005464481	1.398907104	358.1202186	358	65156	358	65156	254
184	0.005434783	1.391304348	356.173913	356	65148	356	65148	254
185	0.005405405	1.383783784	354.2486486	354	65136	354	65136	254
186	0.005376344	1.376344086	352.344086	352	65120	352	65120	254
187	0.005347594	1.368983957	350.459893	350	65100	350	65100	254
188	0.005319149	1.361702128	348.5957447	348	65076	349	65263	254
189	0.005291005	1.354497354	346.7513228	346	65048	347	65236	254
190	0.005263158	1.347368421	344.9263158	344	65016	345	65205	254
191	0.005235602	1.340314136	343.1204188	343	65170	343	65170	254
192	0.005208333	1.333333333	341.3333333	341	65131	341	65131	254
193	0.005181347	1.32642487	339.5647668	339	65088	340	65280	255
194	0.005154639	1.319587629	337.814433	337	65041	338	65234	254

	reciprocal	Reciprocal * 256	Reciprocal * 65536	truncated reciprocal	max count number (total elements – 1) * truncated reciprocal	rounded reciprocal	max count number (total elements – 1) * rounded reciprocal	That, >> 8
195	0.005128205	1.312820513	336.0820513	336	65184	336	65184	254
196	0.005102041	1.306122449	334.3673469	334	65130	334	65130	254
197	0.005076142	1.299492386	332.6700508	332	65072	333	65268	254
198	0.005050505	1.292929293	330.989899	330	65010	331	65207	254
199	0.005025126	1.286432161	329.3266332	329	65142	329	65142	254
200	0.005	1.28	327.68	327	65073	328	65272	254
201	0.004975124	1.273631841	326.0497512	326	65200	326	65200	254
202	0.004950495	1.267326733	324.4356436	324	65124	324	65124	254
203	0.004926108	1.261083744	322.8374384	322	65044	323	65246	254
204	0.004901961	1.254901961	321.254902	321	65163	321	65163	254
205	0.004878049	1.248780488	319.6878049	319	65076	320	65280	255
206	0.004854369	1.242718447	318.1359223	318	65190	318	65190	254
207	0.004830918	1.236714976	316.5990338	316	65096	317	65302	255
208	0.004807692	1.230769231	315.0769231	315	65205	315	65205	254
209	0.004784689	1.224880383	313.569378	313	65104	314	65312	255
210	0.004761905	1.219047619	312.0761905	312	65208	312	65208	254
211	0.004739336	1.213270142	310.5971564	310	65100	311	65310	255
212	0.004716981	1.20754717	309.1320755	309	65199	309	65199	254
213	0.004694836	1.201877934	307.6807512	307	65084	308	65296	255
214	0.004672897	1.196261682	306.2429907	306	65178	306	65178	254
215	0.004651163	1.190697674	304.8186047	304	65056	305	65270	254
216	0.00462963	1.185185185	303.4074074	303	65145	303	65145	254
217	0.004608295	1.179723502	302.0092166	302	65232	302	65232	254
218	0.004587156	1.174311927	300.6238532	300	65100	301	65317	255
219	0.00456621	1.168949772	299.2511416	299	65182	299	65182	254
220	0.004545455	1.163636364	297.8909091	297	65043	298	65262	254
221	0.004524887	1.158371041	296.5429864	296	65120	297	65340	255
222	0.004504505	1.153153153	295.2072072	295	65195	295	65195	254
223	0.004484305	1.147982063	293.8834081	293	65046	294	65268	254
224	0.004464286	1.142857143	292.5714286	292	65116	293	65339	255
225	0.004444444	1.137777778	291.2711111	291	65184	291	65184	254
226	0.004424779	1.132743363	289.9823009	289	65025	290	65250	254
227	0.004405286	1.127753304	288.7048458	288	65088	289	65314	255
228	0.004385965	1.122807018	287.4385965	287	65149	287	65149	254
229	0.004366812	1.11790393	286.1834061	286	65208	286	65208	254
230	0.004347826	1.113043478	284.9391304	284	65036	285	65265	254
231	0.004329004	1.108225108	283.7056277	283	65090	284	65320	255
232	0.004310345	1.103448276	282.4827586	282	65142	282	65142	254
233	0.004291845	1.098712446	281.2703863	281	65192	281	65192	254
234	0.004273504	1.094017094	280.0683761	280	65240	280	65240	254
235	0.004255319	1.089361702	278.8765957	278	65052	279	65286	255
236	0.004237288	1.084745763	277.6949153	277	65095	278	65330	255
237	0.004219409	1.080168776	276.5232068	276	65136	277	65372	255
238	0.004201681	1.075630252	275.3613445	275	65175	275	65175	254
239	0.0041841	1.071129707	274.209205	274	65212	274	65212	254
240	0.004166667	1.066666667	273.0666667	273	65247	273	65247	254
241	0.004149378	1.062240664	271.93361	271	65040	272	65280	255
242	0.004132231	1.05785124	270.8099174	270	65070	271	65311	255
243	0.004115226	1.053497942	269.6954733	269	65098	270	65340	255
244	0.004098361	1.049180328	268.5901639	268	65124	269	65367	255
245	0.004081633	1.044897959	267.4938776	267	65148	267	65148	254
246	0.004065041	1.040650407	266.4065041	266	65170	266	65170	254
247	0.004048583	1.036437247	265.3279352	265	65190	265	65190	254
248	0.004032258	1.032258065	264.2580645	264	65208	264	65208	254
249	0.004016064	1.02811245	263.1967871	263	65224	263	65224	254
250	0.004	1.024	262.144	262	65238	262	65238	254
251	0.003984064	1.019920319	261.0996016	261	65250	261	65250	254
252	0.003968254	1.015873016	260.0634921	260	65260	260	65260	254
253	0.003952569	1.011857708	259.0355731	259	65268	259	65268	254
254	0.003937008	1.007874016	258.015748	258	65274	258	65274	254
255	0.003921569	1.003921569	257.0039216	257	65278	257	65278	254
256	0.00390625	1	256	256	65280	256	65280	255